

Interactive  
Comment

# ***Interactive comment on “Airborne geophysical mapping as an innovative methodology for landslide investigation: evaluation of results from the Gschlifgraben landslide, Austria” by R. Supper et al.***

**R. Supper et al.**

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c1: in geophysics usually subsurface is used, terrain in our understanding stands for topography  
c2: Yes, this is usually assumed, however clay is not contributed to the rock matrix. There are only a few cases (i.e. in connection with ore or graphite deposits) where this is not true.  
c3: but to be exact it is weight % not volume %  
c4: ok  
c5: done  
c6: done  
c7: penetration depth is not exactly investigation depth, the latter depends also on inversion parameters  
c8: we have never detected such interferences  
c9: difficult,

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but we will try c10:ok c11: added c12:lateral approx. 100m, depth resolution depends on resistivity structure c13done c14:added, only valid in this case, since we know basic geology c15:ok c16:ok c17-21: done

...updated version will follow soon

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 2281, 2013.

# NHESSD

1, C1311–C1312, 2013

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C1312

